

PATENT
IBM Docket No. UK9-98-0128

Listing of Claims (indicating status and amendments):

- 1 1. (Original) Apparatus for processing business data processing
2 activities, said apparatus comprising:
- 3 an activity instance; and
- 4 a descriptor for said activity instance associated uniquely
5 with said activity instance;
- 6 wherein said descriptor includes parameters for determining
7 lifecycle behaviors of said activity instance.
- 1 2. (Original) Apparatus as claimed in claim 1 wherein said
2 descriptor is programmable to modify said lifecycle behaviors
3 according to a use made of said activity instance.
- 1 3. (Original) Apparatus as claimed in claim 2 wherein said use
2 of said activity instance is responsive to a request by a client.
3
- 1 4. (Original) Apparatus as claimed in claim 2 wherein said use
2 of said activity instance is responsive to a request by an
3 activity instance.
- 1 5. (Original) Apparatus as claimed in claim 1, wherein said
2 descriptor is programmable to modify said lifecycle behaviors

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3 according to a position in a system hierarchy of said activity
4 instance.

1 6. (Original) Apparatus as claimed in claim 1, wherein said
2 descriptor enables control of concurrency of activity instances.

1 7. (Original) Apparatus as claimed in claim 1, wherein said
2 descriptor enables control of re-creation of activity instances.

1 8. (Original) Apparatus as claimed in claim 1, wherein said
2 descriptor enables control of termination of activity instances.

1 9. (Original) Apparatus as claimed in claim 1, wherein said
2 descriptor permits creation of an activity instance identifier.

1 10. (Original) A method for processing business data processing
2 activities, said method comprising the steps of:

3 defining activity lifecycle characteristics in a descriptor;

4 associating said descriptor uniquely with an activity
5 instance; and

6 using said descriptor to control a lifecycle of said
7 activity instance.

1 11. (Original) A method as claimed in claim 10, wherein said
2 descriptor is programmable to enable definition of varying

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3 activity lifecycle characteristics according to a use made of
4 said activity instance.

1 12. (Original) A method as claimed in claim 11 wherein said use
2 of said activity instance is responsive to a request by a client.
3

1 13. (Original) A method as claimed in claim 11 wherein said use
2 of said activity instance is responsive to a request by an
3 activity instance.

1 14. (Original) A method as claimed in claim 10, wherein said
2 descriptor is programmable to modify said lifecycle behaviors
3 according to a position in a system hierarchy of said activity
4 instance.

1 15. (Original) A method as claimed in claim 10, wherein said
2 descriptor enables control of concurrency of activity instances.

1 16. (Original) A method as claimed in claim 10, wherein said
2 descriptor enables control of re-creation of activity instances.

1 17. (Original) A method as claimed in claim 10, wherein said
2 descriptor enables control of termination of activity instances.

1 18. (Original) A method as claimed in claim 10, wherein said
2 descriptor permits creation of an activity instance identifier.

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1 19. (Original) A computer program product comprising computer
2 program instructions stored on a computer-readable medium for,
3 when loaded into a computer and executed, causing the computer to
4 carry out the steps of the method as claimed in claim 10.

1 20. (Original) A computer program product as claimed in claim
2 19, wherein said descriptor is programmable to enable definition
3 of varying activity lifecycle characteristics according to a use
4 made of said activity instance.

1 21. (Original) A computer program product as claimed in claim 20
2 wherein said use of said activity instance is responsive to a
3 request by a client.

1 22. (Original) A computer program product as claimed in claim 20
2 wherein said use of said activity instance is responsive to a
3 request by an activity instance.

1 23. (Original) A computer program product as claimed in claim
2 19, wherein said descriptor is flexibly programmable to modify
3 said lifecycle behaviors according to a position in a system
4 hierarchy of said activity instance.